

International Conference on Orthopedics and Musculoskeletal Disorders

November 13-14, 2025 | Lisbon, Portugal



Haseeb Mehmood Qadri, **Arham Amir Khawaja**, Raahim Bashir, Asif Bashir

Resident General Surgery and Surgical Oncology, Shaikh Zayed Medical Complex, Lahore, Punjab, Pakistan

Primary Aneurysmal Bone Cyst of Sacrum: A Case Report of a 12 years old boy from Pakistan

Aneurysmal bone cysts are locally invasive, benign lesions usually found in the spine or metaphysis of long bones. They can be primary (idiopathic) or secondary to other bone pathologies. Primary aneurysmal bone cyst usually occurs in the first two decades of life.

We report a 12-year-old male, a known case of Type-1 diabetes mellitus, with lower back pain radiating to the right lower limb for the past two months following a fall. There were no neurological deficits, although straight leg raises and Faber's tests were positive. Neuroimaging suggested an enhancing 7 x 8 mm lesion involving the lamina of the first sacral vertebra with protrusion into the spinal canal. Bone scan ruled out metastatic pathology. Excision of the lesion with laminectomy and foraminotomy was done. Histopathology was suggestive of an aneurysmal bone cyst. The patient is living a healthy life. Upfront surgical excision without preoperative embolisation and expensive medical therapies can be an option in resource-limited settings.

Keywords

Aneurysmal bone cyst, Children, Embolisation, Giant cell tumour

Biography

I am Dr. Arham Amir Khawaja, a Resident in General Surgery with a focus on Surgical Oncology at Shaikh Zayed Medical Complex, Lahore, Pakistan. My interests include oncologic surgery, minimally invasive techniques, and improving postoperative outcomes through evidence-based practices. I have been actively involved in clinical research, contributing to studies on cancer management and multidisciplinary treatment strategies. I am passionate about academic growth and regularly participate in workshops, conferences, and collaborative research initiatives. My goal is to advance surgical innovation and enhance patient care by integrating cutting-edge techniques and best practices in the field of surgical oncology.